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Approved for use through 09/30/2000. OMB 0651-0032

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UTILITY PATENT APPLICATION

Attorney Docket No. 397.39397X00 First Inventor or Application Identifier Ari HEIKKINEN

See 1 in Addendum

TRANSMITTAL
Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No.

APPLICATION ELEMENT See MPEP chapter 600 concerning utility pate.		Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC, 20231			
* Fee Transmittal Form (e.g.,	PTO/SB/17)	5. Microfiche Computer Program (Appendix)			
(Submit an original and a duplicate 2. X Specification (preferred arrangement set forth be	[Total Pages 13]	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy			
 Descriptive title of the Inventication Cross References to Related Statement Regarding Fed sp 	Applications	b. Paper Copy (identical to computer copy)			
- Reference to Microfiche Appe	endix	c. Statement verifying identity of above copies			
- Background of the Invention		ACCOMPANYING APPLICATION PARTS			
- Brief Summary of the Invention - Brief Description of the Draw		7. X Assignment Papers (cover sheet & document(s))			
- Detailed Description		8. 37 C.F.R.§3.73(b) Statement X Power of Attorney			
- Claim(s) - Abstract of the Disclosure		9. English Translation Document (if applicable)			
	Information Disclosure _ Copies of				
4. Oath or Declaration	[Total Pages 2]	11. X Preliminary Amendment			
a. X Newly executed (origin	X Newly executed (original or copy) 12. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
b. Copy from a prior appl (for continuation/divisional	ication (37 C.F.R. § 1.63) with Box 16 completed)	* Small Entity 13. Statement filed in prior application Status still proper and desired			
Signed statem	i. Signed statement attached deleting (PTO/SB/09-12) Certified Copy of Priority Document(s)				
inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 15. X Other: Figs. 1-4					
see 37 C.F.R. §§ 1.63(0)(2) and 1.33(b). **NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).					
		supply the requisite information below and in a preliminary amendment:			
Continuation Divisional	Continuation-in-part (
Prior application information: Examin	er · ·	Group / Art Unit:			
under Box 4b, is considered a part of the d	isclosure of the accompan	e of the prior application, from which an oath or declaration is supplied mying continuation or divisional application and is hereby incorporated by In has been inadvertently omitted from the submitted application parts.			
reference. The incorporation can only be	17. CORRESPOND				
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Name (Print/Type) Carl H. Brandi	dge	Registration No. (Attorney/Agent) 29,621			

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for FY 2000 Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement,			Filing Date First Named Inventor Examiner Name	December 21, 2000 Ari HEIKKINEN	20
otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.		Group / Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$)750.00		Attorney Docket No.	503.39397X00	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid			
Account Number 01-2135	105 130 205 65 Surcharge - late filing fee or oath	0.00			
Deposit	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	0.00			
Account Name Antonelli, Terry, Stout & Kraus, LLP	139 130 139 130 Non-English specification	0.00			
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	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00			
2. X Payment Enclosed: Check Money X Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00			
	115 110 215 55 Extension for reply within first month	0.00			
FEE CALCULATION	116 380 216 190 Extension for reply within second month	0.00			
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month	0.00			
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	0.00			
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month	0.00			
101 690 201 345 Utility filing fee 710.00	119 300 219 150 Notice of Appeal	0.00			
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00			
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing	0.00			
108 690 208 345 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	0.00			
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable	0.00			
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	0.00			
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00			
Fee from Extra Claims below Fee Pald	143 430 243 215 Design issue fee	0.00			
Total Claims 12 -20** = 0 × 18 = 0	144 580 244 290 Plant issue fee	0.00			
Independent 2 - 3** = 0 × 80 = 0	122 130 122 130 Petitions to the Commissioner	0.00			
Multiple Dependent = 0	123 50 123 50 Petitions related to provisional applications	0.00			
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt	0.00			
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	40.00			
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a))	0.00			
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))	0.00			
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	0.00			
110 18 210 9 ** Reissue claims in excess of 20	Other fee (specify)	0.00			
and over original patent	SURTOTAL (3) (\$) 40.00				
SUBTOTAL (2) (\$) 0.00	Reduced by Basic Filing Fee Paid 300101AE (0) (0) 4(
SUBMITTED BY	Complete (if applicable)				
Name (Print/Type) Carl I. Brundidge	Registration No. (Attorney/Agent) 29,621 Telephone 703-312	-6600			
Signature	Date 12-21-0	0			

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Attachment to PTO/SB/05 (4/98) Utility Patent Application Transmittal

1. METHOD AND APPARATUS FOR SPEECH CODING WITH VOICED/UNVOICED DETERMINATION